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Dated: November 15, 2004 By: [Signature] PATENT

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Vladislav Vashchenko et al.

Appln. No.: 10/650,000

Filed: August 27, 2003

For: HIGH-VOLTAGE SILICON  
CONTROLLED RECTIFIER  
STRUCTURE WITH IMPROVED  
PUNCH THROUGH RESISTANCE

Group Art Unit: 2818

Examiner: Tran, Mai Huong C.

AMENDMENT UNDER 37 CFR §1.312

### INTRODUCTORY COMMENTS

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice of Allowance mailed November 9, 2004, please amend the above-identified application as indicated on the following pages:

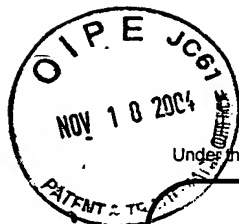
**Amendments to the Specification** which begin on page 2 of this paper;

**Listing of the Claims** which begins on page 3 of this paper; and

**Remarks** which begin on page 8 of this paper.

AMENDMENT UNDER  
37 CFR §1.312

Atty. Docket No. 100-22700  
(P05661)



PTO/SB/21 (08-03)

Approved for use through 07/31/06. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM***(to be used for all correspondence after initial filing)*

Total Number of Pages in This Submission

9

Application Number

10/650,000

Filing Date

August 27, 2003

First Named Inventor

Vladislav Vashchenko et al.

Group Art Unit

2818

Examiner Name

Tran, Mai Huong C.

Attorney Docket Number

100-22700 (P05661)

**ENCLOSURES (check all that apply)**☐ Fee Transmittal Form☐ Fee Attached☒ 1.312 Amendment/Response☐ After Final (Response)☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/ Incomplete Application☐ Response to Missing Parts under 37 CFR 1.52 or 1.53☐ Assignment Papers  
(for an Application)☐ Drawing(s)☐ Licensing-related Papers☐ Petition Routing Slip (PTO/SB/69)  
and Accompanying Petition☐ Petition to Convert to a  
Provisional Application☐ Power of Attorney, Revocation  
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) \_\_\_\_\_☐ After Allowance Communication to  
Group☐ Appeal Communication to Board of  
Appeals and Interferences☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Inquiry☒ Other Enclosure(s)  
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Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual name

Mark C. Pickering, Reg. No. 36,239

Signature

Date

November 15, 2004

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Date

November 15, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.